

WINCO[®] GENERATORS

 An American Company.
We produce our products in our 200,000ft² facility located in Le Center, Minnesota, equipped with modern engineering, fabrication and assembly capabilities.



Cast-Iron Gearcase

Our own WINCO gearcases have proven their strength and durability for over 60 years and will keep doing so into the future.

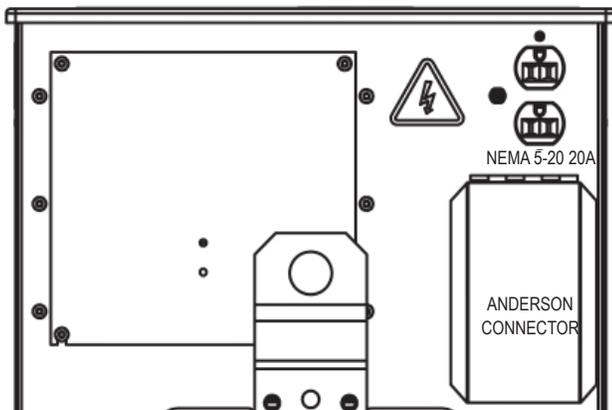


Frequency Meter

Large, 3/12" hertz meter ensures the proper output is reached.



Receptacle Panel



W70PTOS
69,000 WATTS
W75PTOS
78,000 WATTS
W85PTOS
88,000 WATTS

Rugged Steel Design



Brushless Industrial Gen End



SPECIFICATIONS

ELECTRICAL

MODEL NUMBER	VOLTS	STANDBY (125/40C)			CONTINUOUS (105/40C)			CIRCUIT BREAKER	INPUT HP ⁽¹⁾	INPUT SPEED	MOTOR STARTING ⁽²⁾
		WATTS	AMPS 1.0 PF	AMPS 0.8 PF	WATTS	AMPS 1.0 PF	AMPS 0.8PF				
W70PTO-3	120/240 1-PH	69,000	287	N/A	56,000	233	N/A	300A	138	540	25 HP
W70PTOS-3	120/240 1-PH	69,000	287	N/A	56,000	233	N/A	300A	138	1000	25 HP
W75PTOS-4	120/208 3-PH	78,000	216	270	70,000	194	243	250A	156	1000	30 HP
W75PTOS-17	120/240 3-PH	78,000	187	234	70,000	168	210	250A	156	1000	30 HP
W85PTOS-18	277/480 3-PH	88,000	106	132	83,000	100	124	150A	176	1000	35 HP
W85PTOS-21	346/600 3-PH	88,000	84	105	83,000	79	100	100A	176	1000	35 HP

NOTES: (1) Required HP at PTO of tractor for full rated power. Each 2 HP equals approximately 1kW of electric power. (2) Code G capacitor motor.

70-85PTO

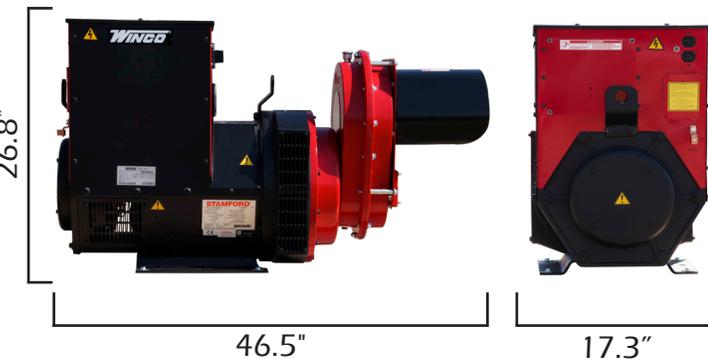
INPUT SHAFT SIZE	1 3/4" - 20 SPLINE
FREQUENCY METER	STANDARD
NEUTRAL BONDED	YES
GROUND LUG	YES
GEARCASE OIL	SAE 85W-90-140
GEARCASE CAPACITY	2.75 PINTS

OPTIONAL ACCESSORIES

PTO SHAFT	
540 RPM	1 3/4" - 6 SPLINE
1000 RPM	1 3/4" - 20 SPLINE
	1 3/4" - 21 SPLINE
PTO TRAILER	TDM77
MANUAL TRANSFER SWITCH	VARIOUS

SHIPPING

SHIPPING DIMENSIONS (L x W x H)	55" x 29" x 36"
SHIP WEIGHT	
W70PTOS	1,032 LBS
W75PTOS & W85PTOS	1,046 LBS
FREIGHT CLASS	65



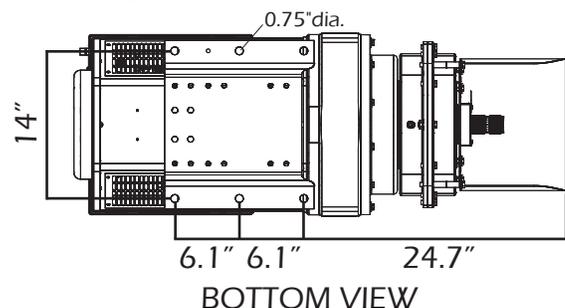
Specifications are subject to change without notice.



GEN END

LEAD	
SINGLE PHASE	4 LEAD
THREE PHASE	12 LEAD
WINDING NUMBER	
SINGLE PHASE	06
THREE PHASE	311
AVR	AS440
VOLTAGE REGULATION	+/- 1%
TOTAL HARMONIC DISTORTION	< 5%
GENERATOR SPEED	1800 RPM
STATOR WINDING	
SINGLE PHASE	SINGLE LAYER CONCENTRIC
THREE PHASE	DOUBLE LAYER CONCENTRIC
ROTOR	2/3 PITCH
TELEPHONE INTERFERENCE	TIF < 50
INSULATION PROTECTION	CLASS H IP23
BRUSHLESS	YES
EFFICIENCY PEAK 1.0 PF	
W70PTOS	87.6
W75PTOS & W85PTOS	91.3
120 VOLT RECEPTACLES	(1) NEMA 5-20 20A DUPLEX
FULL POWER ANDERSON RECEPTACLE	
70-75PTO	350 AMPS
85 PTO	175 AMPS
FULL POWER ANDERSON PLUG	INCLUDED
ASSEMBLED IN	USA
UNIT WARRANTY ⁽¹⁾	3 YEARS

NOTES: (1) For more generator warranty, see operator's manual.



BOTTOM VIEW